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Active Duty-U.S. Army Noise Induced Hearing Injury Quarterly Surveillance Q1 2010 thru Q2 2012

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ACTIVE DUTY- U.S. ARMY NOISE INDUCED HEARING INJURY QUARTERLY SURVEILLANCE Q1 2010 THRU Q2 2012

EXECUTIVE SUMMARY

PURPOSE:

The Department of Defense (DOD) Hearing Conservation Working Group, the U.S. Army Public Health Command, the Armed Forces Health Surveillance Center and the Hearing Center of Excellence collaborated to develop new DOD and individual Services' Noise-Induced Hearing Injury (NIHI) surveillance data. The purposes of these NIHI data summaries are as follows:

- To present and summarize available Army medical surveillance data for use in NIHI prevention program and policy planning, including—
 - Defining the relative impact of NIHI among U.S. Army Active Duty personnel in the total Army and at individual Army installations.
 - Providing Army injury rates and trends from Q1 2010 thru Q2 2012.
 - o Identifying demographics most closely associated with NIHI incidence.
- To monitor progress-based metrics for reducing the NIHI morbidity burden over time.

The first NIHI data summary established a baseline against which future years' data can be compared for assessment of NIHI trends as prevention performance indicators.

CONCLUSIONS:

The Army NIHI quarterly surveillance summary for calendar years Q1 2010 thru Q2 2012 shows incident case rates for sensorineural hearing loss, significant threshold shift, tinnitus, and Noise-Induced Hearing Loss.

RECOMMENDATIONS:

Commanders and Preventive Medicine assets at multiple levels should use NIHI data summaries trends to maintain situational awareness of the progress of NIHI prevention operations.

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REFERENCES:

References are listed in Appendix A.

AUTHORITY:

Under Army Regulation (AR) 40-5, Section 2-19, the U.S. Army Public Health Command (USAPHC) is responsible for providing support for Army Preventive Medicine (PVNTMED) assets to include review and interpretation of surveillance data and identification and characterization of health problems as a foundation for injury prevention planning and policy efforts.

Under Department of Defense Instruction (DODI) 6055.12 Hearing Conservation Program, Enclosure 2, Section 3 requires the heads of the DOD components to annually evaluate the effectiveness of their Hearing Conservation Programs (HCPs).

Under Department of Defense Directive (DODD) 6490-02E Comprehensive Health Surveillance, 2012; Section 1 paragraph c establishes the Armed Forces Health Surveillance Center (AFHSC) as the single source for DOD-level health surveillance information.

Under DODD 6200.04 Force Health Protection, Section 4.3.1.2 requires DOD components to promote and improve the health of the force through programs on injury prevention.

BACKGROUND:

Background details can be found in the annual Summary for CY 2007-2011.

Quarterly data time series will be updated semi-annually to provide a 10 quarter "moving window" of finer grained details compared to annual summaries.

METHODS:

Methods details can be found in the annual Summary for CY 2007-2011. The quarterly summary data are reported as is without statistical analysis.

Source: Defense Medical Surveillance System (DMSS). Prepared by Armed Forces Health Surveillance Center (AFHSC).

RESULTS:

Results are shown in Appendix C.

SUMMARY AND CONCLUSIONS:

AFHSC and the Army Institute of Public Health will continue to provide annual and quarterly data summaries to support NIHI prevention coordination and planning by Army PVNTMED assets and unit commanders at multiple levels. The counts and rates of NIHI "incident cases" are the principle prevention performance metrics. Incident cases are important because they represent cases that might have been prevented if prevention strategies planning and operations were effective.

APPENDIX A

REFERENCES

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Active Duty- U.S. Army NIHI Quarterly Surveillance Q1 2010 - Q2 2012 **APPENDIX B**

INJURY DIAGNOSIS CODES (ICD-9-CM CODES) CATEGORIZATION BY DIAGNOSTIC GROUPS, CURRENT PROCEDURE TERMINOLOGY (CPT) CODES AND DOD OCCUPATION CODES USED IN THESE DATA SUMMARIES

Γ	י ח.	_a	\sim	des
-10	,D:	-5	Vυ	ucs

	Category	Code	Code Description
SNHL	Sensorineural hearing loss	38910	SENSORINEURAL HEARING LOSS UNSPECIFIED
SNHL	Sensorineural hearing loss	38911	SENSORY HEARING LOSS
SNHL	Sensorineural hearing loss	38915	SENSORINEURAL HEARING LOSS, UNILATERAL
SNHL	Sensorineural hearing loss	38916	SENSORINEURAL HEARING LOSS, ASYMMETRICAL
SNHL	Sensorineural hearing loss	38917	SENSORY HEARING LOSS, UNILATERAL
SNHL	Sensorineural hearing loss	38918	SENSORINEURAL HEARING LOSS, BILATERAL
NIHL	Noise-induced hearing loss	38810	NOISE EFFECTS ON INNER EAR UNSPECIFIED
NIHL	Noise-induced hearing loss	38811	ACOUSTIC TRAUMA (EXPLOSIVE) TO EAR
NIHL	Noise-induced hearing loss	38812	NOISE-INDUCED HEARING LOSS
			NONCOPCIFIC ADMODMAL ALIDITODY
SHIFT	Significant threshold shift	79415	NONSPECIFIC ABNORMAL AUDITORY FUNCTION STUDIES
T IN IN I		00000	TIMBUTUO LIMOREOJEJER
TINN	Tinnitus	38830	TINNITUS UNSPECIFIED
TINN	Tinnitus	38831	SUBJECTIVE TINNITUS
TINN	Tinnitus	38832	OBJECTIVE TINNITUS
CPT Co	des Used in the Data Sum	<u>maries</u>	
AUDIO	CPT codes	92552	PURE TONE AUDIOMETRY (THRESHOLD); AIR ONLY
AUDIO	CPT codes	92555	SPEECH AUDIOMETRY THRESHOLD;
			SPEECH AUDIOMETRY THRESHOLD;
AUDIO	CPT codes	92556	WITH SPEECH RECOGNITION
			COMPREHENSIVE AUDIOMETRY THRESHOLD
AUDIO	CPT codes	92557	EVALUATION AND SPEECH RECOGNITION
AUDIO	CPT codes	92559	AUDIOMETRIC TESTING OF GROUPS

DOD Occupation Codes used in the data summary

NEW	cupation codes used in the data summary
DOD	
Code	DOD CODE TITLE
10	Infantry, Gun Crew, and Seaman
11	Electronic Equipment Repairers
12	Communications and Intelligence Specialists
13	Health Care Specialists
14	Other Technical and Allied Specialists
15	Functional Support and Admin
16	Electrical/Mechanical Equipment Repairers
17	Craftswork & Construction
18	Service, Transport & Supply
19	Students & Trainees (Enlisted)
21	General/Flag. Officers & Executives
22	Tactical Operations Officers
23	Intelligence Officers
24	Engineering & Maintenance Officers
25	Scientists & Professionals
26	Health Care Officers
27	Administrators
28	Supply & Logistics Officers
29	Students, Trainees & Other Officers

APPENDIX C TOTAL ARMY QUARTERLY DATA DETAILS

US Army Noise-Induced Hearing Injuries, by diagnosis, Q1 2010 - Q2 2012

	Q1 2	010	Q2 2	010	Q3 2	010	Q4 2	010	Q12	011	Q2 2	011	Q3 2	011	Q4 2	011	Q1 2	012	Q2 2	012
Count (Rate ¹)	Count	Rate ¹																		
Sensorineural hearing loss	2,001	15.50	2,087	15.88	1,840	13.75	1,910	14.27	2,039	15.54	2,195	16.52	1,874	14.04	1,907	14.45	2,164	16.71	2,281	17.76
Significant threshold shift	2,028	15.54	2,093	15.77	1,997	14.78	2,612	19.35	3,027	22.92	2,825	21.16	3,210	23.97	2,343	17.74	2,324	17.93	2,742	21.35
Noise-induced hearing loss	413	3.08	356	2.60	239	1.71	233	1.67	291	2.12	316	2.28	306	2.19	319	2.31	346	2.55	284	2.10
Tinnitus	2,008	15.23	1,666	12.42	1,337	9.78	1,649	12.05	2,027	15.11	2,040	15.03	2,047	15.01	1,890	14.02	2,351	17.77	2,308	17.60

US Armed Forces (DoD) Noise-Induced Hearing Injuries, Active Component, by diagnosis, Q1 2010 - Q2 2012

	Q1 2	010	Q2 2	010	Q3 2	010	Q4 2	010	Q1 2	2011	Q2 2	2011	Q3 2	011	Q4 2	011	Q1 2	012	Q2 2	012
	Count	Rate ¹																		
Sensorineural hearing loss	3,566	10.67	3,797	11.21	3,382	9.87	3,514	10.27	3,838	11.46	4,082	12.07	3,570	10.47	3,682	10.89	4,146	12.46	4,449	13.45
Significant threshold shift	2,349	6.88	2,428	7.02	2,374	6.78	3,024	8.66	3,561	10.43	3,647	10.58	4,094	11.80	3,230	9.39	3,651	10.80	3,855	11.47
Noise-induced hearing loss	621	1.81	553	1.59	409	1.16	398	1.13	464	1.35	514	1.48	484	1.38	507	1.45	595	1.73	529	1.55
Tinnitus	3,963	11.68	3,521	10.24	2,905	8.35	3,418	9.84	4,241	12.47	4,319	12.58	4,087	11.81	4,160	12.13	5,011	14.85	5,147	15.35

^{1.} A person can be counted in more than one diagnosis type, but only once (life-time) for each. Rate is provided per 1,000 person-years.

Source: Defense Medical Surveillance System (DMSS) as of 21-NOV-2014

Prepared by Armed Forces Health Surveillance Center (AFHSC) as of 04-DEC-2014

^{2.} Includes only data through the last available full quarter

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my SENSORINEURAL HEARING I	Q1 2010		Q2 2010		Q3 2010		Q4 2010		Q1 2011		Q2 2011		Q3 2011		Q4 2011		Q1 2012		Q2 2012	
		,		1		1		1		1		1		1		1		1		F
	Count	Rate ¹	Count																	
RTHERN																				
Aberdeen Proving Ground, MD	3	10.56	1	4.15	3	7.67	6	20.65	14	40.14	7	20.73	1	4.46	2	10.02	4	20.47	3	
Fort Belvoir, VA	7	14.82	7	13.47	8	13.53	8	14.02	12	20.54	6	10.32	3	4.39	3	3.88	7	9.19	8	
Fort Bragg, NC	69	5.79	96	7.87	108	8.78	131	10.61	144	12.01	148	12.24	98	8.24	98	8.25	157	13.31	134	Г
Fort Detrick, MD	3	16.34	5	27.03	1	5.32	1	5.17	3	15.20	2	9.69	2	8.93	6	23.33	6	27.42	2	Г
Fort Dix, NJ	1	47.65	2	88.70	1	19.67	0	0.00	4	66.30	4	62.61	2	28.99	4	57.12	4	54.80	5	Т
Fort Drum, NY	95	22.22	43	9.90	25	5.53	43	9.40	43	9.56	51	10.99	85	18.29	103	22.08	131	29.05	143	т
Fort Eustis, VA	13	8.33	7	4.48	9	5.76	10	6.83	8	5.72	6	4.28	8	5.48	9	6.46	5	3.88	5	
Fort George G Meade, MD	12	16.75	3	4.10	11	14.69	17	21.90	8	10.89	6	8.34	7	9.76	11	15.06	12	16.40	14	\vdash
Fort Knox, KY	32	11.99	32	11.77	53	19.02	78	29.79	55	19.98	41	13.81	37	14.97	43	19.95	101	50.07	64	Н
	18	10.99	13	8.34	14	8.68	11	6.44	10	6.17	14	8.52	15	8.33	14	7.97	14	8.56	17	Н
Fort Lee, VA		2.47	4	9.89	4	9.49	4	8.84	10	2.20	3	6.64	3	6.51	3	6.53	14		6	\vdash
Fort Myer, VA	1										0		-					2.16		\vdash
Fort Monmouth, NJ	1	11.03	0	0.00	0	0.00	0	0.00	2	24.58		0.00	0	0.00	0	0.00	0	0.00	0	\vdash
Walter Reed AMC, DC	9	14.28	11	17.59	6	9.73	4	6.51	6	10.06	3	4.94	4	11.49	0	0.00	0	0.00	0	-
West Point USMA, NY	6	19.14	3	8.82	3	9.43	4	12.92	2	6.65	6	18.85	3	7.81	4	10.65	3	8.33	5	_
UTHERN																				
Fort Benning, GA	143	29.59	114	21.98	107	20.38	83	16.46	108	21.74	89	16.47	85	15.15	57	10.30	99	17.82	71	
Fort Campbell, KY	94	12.61	88	11.46	112	14.35	99	12.42	141	17.75	160	19.70	137	16.72	150	18.44	216	27.40	250	
Fort Gordon, GA	20	8.92	29	12.78	17	7.63	16	7.48	21	10.70	19	9.56	26	12.65	19	9.96	22	12.11	33	
Fort Hood, TX	226	19.50	172	15.25	74	6.51	77	6.78	114	10.06	141	12.37	114	10.02	107	9.56	103	9.36	140	
Fort Jackson, SC	54	20.92	44	18.43	36	14.65	35	16.26	31	14.70	40	19.04	42	21.08	32	15.73	31	15.04	23	
Fort McPherson, GA	9	23.52	13	33.91	4	11.06	3	9.26	7	24.78	8	38.26	4	90.86	0	0.00	0	0.00	0	
Fort Polk, LA	39	18.90	49	22.37	110	49.77	39	17.93	54	25.39	63	29.81	69	32.56	56	26.50	107	52.34	43	Г
Fort Rucker, AL	26	28.17	17	18.85	19	20.94	17	19.15	25	29.12	16	18.38	11	12.14	9	10.14	7	8.05	9	Т
Fort Sam Houston, TX	26	13.67	21	10.64	19	9.66	23	11.89	21	10.89	28	14.56	27	13.84	29	15.55	11	5.89	17	Т
Fort Sill, OK	28	9.07	79	24.12	50	14.17	35	10.68	31	10.36	17	5.48	20	6.64	35	12.83	26	9.79	10	т
Fort Stewart, GA	77	18.93	69	16.39	24	5.58	22	4.96	65	14.51	51	11.34	83	18.10	65	14.57	59	13.56	50	
Redstone Arsenal, AL	1	3.44	2	7.09	3	10.24	6	17.02	1	2.57	3	10.23	1	5.07	9	52.87	4	24.97	2	+
ESTERN		3.44		7.05		10.24		17.02	-	2.57	3	10.23	*	3.07		32.07	,	24.57		
	00	24.00	4.44	20.44	440	24.65	422	24.07	00	47.00	4.45	25.27	404	20.70	404	45.24	400	46.20	442	-
Fort Bliss, TX	99	21.08	141	28.44	110	21.65	133	24.87	98	17.82	145	25.37	184	29.78	101	15.31	109	16.38	112	\vdash
Fort Carson, CO	67	12.29	79	13.67	68	11.60	86	14.27	52	8.44	82	13.00	78	12.15	139	21.75	112	17.97	107	\vdash
Fort Huachuca, AZ	10	8.40	8	6.24	7	5.35	7	5.36	6	4.66	11	8.55	7	5.84	8	7.13	4	3.66	4	\vdash
Fort Irwin, CA	8	7.69	6	5.61	16	15.03	9	8.35	11	10.19	20	18.52	12	11.27	18	17.38	15	14.94	9	⊢
Fort Leavenworth, KS	12	15.93	13	17.26	8	10.28	20	24.36	17	22.22	14	18.87	3	3.81	13	16.61	9	11.57	12	_
Fort Leonard Wood, MO	73	27.21	69	26.46	67	26.56	75	28.65	127	46.69	95	34.74	31	12.51	37	16.14	58	25.08	69	╙
Fort Lewis, WA	72	9.66	93	12.24	104	13.39	141	18.54	130	17.80	148	19.95	85	11.01	127	16.02	172	21.77	139	\perp
Fort Richardson, AK	119	61.46	89	48.63	59	34.97	31	19.64	23	14.46	43	26.16	47	27.69	50	29.42	10	5.91	22	L
Fort Riley, KS	86	20.42	100	22.62	110	24.09	142	31.72	93	21.32	111	24.86	115	25.44	123	26.84	120	26.14	133	
Fort Wainwright, AK	22	21.48	17	16.92	17	17.08	23	17.59	31	20.70	35	22.52	18	11.41	14	8.99	13	8.60	59	
CIFIC																				
Camp Carroll	2	11.06	2	11.30	1	6.40	0	0.00	3	17.57	2	11.65	0	0.00	1	5.97	2	12.78	0	
Camp Casey	5	3.43	4	2.71	4	2.97	2	1.51	8	6.11	5	3.86	6	4.48	4	3.17	5	4.12	9	П
Camp Humphreys	4	10.04	0	0.00	3	7.99	7	11.58	4	5.32	5	6.73	4	5.37	4	5.32	6	8.39	4	П
Camp Long	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	196.48	0	0.00	0	0.00	0	0.00	0	
Camp Stanley/Red Cloud	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	36.45	0	0.00	0	
Japan	2	11.59	6	33.06	2	12.78	0	0.00	1	5.44	1	5.42	2	11.13	2	11.35	0	0.00	1	
chofield Barracks-Wheeler AAF	59	16.33	190	52.16	133	34.60	121	30.14	139	34.32	200	48.45	126	31.20	98	25.12	91	23.76	191	\vdash
USA Hawaii	0	0.00	190	18.09	2	34.00	2	32.11	139	16.55	0	0.00	120	15.71	3	45.75	3	46.90	0	\vdash
Yongsan Garrison	12	14.27	9	9.76	10	11.54	13	11.66	8	6.28	18	14.41	12	9.53	9	11.19	7	8.26	4	\vdash
	14	14.27	9	3.70	10	11.34	12	11.00	•	0.20	10	14.41	14	3.33	, ,	11.19		0.20	4	
ROPEAN		0.00	_	0.00	. 1	2.05	_	2.25		2.00		0.00				42.25	1 -	40.07		
Ansbach	0	0.00	0	0.00	1	2.85	0	0.00	1	2.96	0	0.00	2	6.31	4	12.25	5	13.97	3	\vdash
Baden-Wuerttemberg	9	8.17	12	10.68	9	9.44	17	14.44	20	15.96	15	12.41	12	11.34	8	8.53	2	2.18	12	\vdash
Bamberg	20	39.63	13	24.23	6	15.20	15	20.35	24	26.19	21	24.64	19	22.44	15	16.44	12	13.93	31	1
BeNeLux	2	12.17	0	0.00	1	9.18	1	6.44	1	5.61	1	6.82	0	0.00	0	0.00	2	14.63	1	1
Grafenwoehr	13	18.68	9	13.69	3	7.51	8	14.75	11	18.82	13	21.27	7	11.36	1	1.74	3	5.53	8	
Kaiserslautern	1	28.89	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	31.32	0	0.00	0	0.00	0	
Schweinfurt	10	10.48	16	18.37	7	15.81	17	23.26	14	15.13	29	30.44	10	11.63	8	9.74	6	7.51	22	
Stuttgart	1	47.00	0	0.00	0	0.00	1	48.87	0	0.00	1	20.98	0	0.00	0	0.00	0	0.00	1	
Vicenza	7	11.56	7	11.31	1	1.62	3	4.77	17	25.02	17	26.71	9	13.70	7	10.60	22	33.99	10	П
Wiesbaden	5	12.06	6	14.18	2	5.94	4	8.42	6	11.02	10	20.82	5	11.48	0	0.00	6	13.16	5	
	, ,			20	-	5.5 /		U		_1.0_		_5.02	, ,	_1	, ,	0.00	, ,	_5.10		1

Active Duty- U.S. Army NIHI Quarterly Surveillance Q1 2010 - Q2 2012

ny SIGNIFICANT THRESHOLD SHI	Q1 2010		Q2 2010		Q3 2010		Q4 2010		Q1 2011		Q2 2011		Q3 2011		Q4 2011		Q1 2012		Q2 2012	
	Count	Rate ¹	Count	Rate ¹		Rate ¹		Rate ¹		Rate ¹	Count	R								
RTHERN	Count	Kate	Count	K																
Aberdeen Proving Ground, MD	11	37.98	9	36.76	11	27.84	6	20.37	18	51.13	20	58.28	12	52.33	6	29.41	5	25.11	8	-
Fort Belvoir, VA	0	0.00	1	1.82	0	0.00	0	0.00	4	6.42	3	4.86	2	2.77	0	0.00	0	0.00	1	
Fort Bragg, NC	255	21.57	183	15.13	211	17.30	257	20.97	471	39.70	333	27.93	227	19.38	203	17.35	295	25.43	114	-
	0	0.00			0	0.00	0	0.00	0	0.00		0.00	0	0.00	0	0.00	293		0	-
Fort Detrick, MD	1	43.69	0	5.11 0.00	0	0.00	0	0.00	-	15.76	0	14.77	0	0.00	-	54.01	4	0.00 52.56	0	-
Fort Dix, NJ	2	0.45		0.66	2	0.42	2	0.00	3	0.64	1 4	0.83	1	0.00	5	1.03	79	16.82		-
Fort Drum, NY		0.45	3 0	0.00	1	0.42	1		2	1.39	0	0.83	0	0.21	0	0.00	1	0.76	143	-
Fort Eustis, VA	1	36,46	14	19.31		17.50		0.66 18.14	23	31.48	10	13.99	0	0.00	0	0.00	0	0.76		-
Fort George G Meade, MD	26				13		14						4	1.59					0	-
Fort Knox, KY	8	2.99	8	2.93	3	1.07	4	1.51	4	1.43	5	1.66			3	1.36	0	0.00	4	-
Fort Lee, VA	11	6.59	63	39.82	33	20.31	34	19.87	52	32.21	38	23.26	67	37.53	49	28.23	67	41.64	43	-
Fort Myer, VA	3	7.17	2	4.80	5	11.56	4	8.63	5	10.76	2	4.33	1	2.13	1	2.13	1	2.13	6	-
Fort Monmouth, NJ	1	10.79	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	-
Walter Reed AMC, DC	1	1.50	0	0.00	1	1.53	0	0.00	1	1.58	1	1.55	0	0.00	0	0.00	0	0.00	0	
West Point USMA, NY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.53	0	0.00	1	2.69	0	
THERN					. 1															4
Fort Benning, GA	8	1.59	5	0.93	19	3.50	7	1.34	5	0.98	0	0.00	1	0.17	3	0.53	5	0.88	11	-
Fort Campbell, KY	45	5.83	33	4.15	62	7.67	94	11.39	106	12.91	170	20.26	239	28.35	168	20.15	153	18.91	292	-
Fort Gordon, GA	0	0.00	0	0.00	0	0.00	0	0.00	22	10.92	37	18.17	55	26.25	24	12.36	12	6.50	9	-
Fort Hood, TX	941	91.12	1,086	108.21	667	65.68	555	54.66	500	49.25	421	41.15	259	25.21	192	18.82	187	18.47	370	_
Fort Jackson, SC	1	0.38	1	0.41	0	0.00	0	0.00	0	0.00	1	0.47	3	1.47	1	0.48	0	0.00	0	_
Fort McPherson, GA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	13.39	0	0.00	0	0.00	0	0.00	0	
Fort Polk, LA	4	1.85	1	0.44	1	0.43	0	0.00	1	0.45	0	0.00	0	0.00	2	0.89	0	0.00	0	
Fort Rucker, AL	44	48.32	14	15.65	16	17.65	27	30.45	11	12.82	0	0.00	1	1.09	2	2.21	0	0.00	0	
Fort Sam Houston, TX	32	16.48	40	19.90	33	16.47	26	13.22	32	16.36	26	13.38	44	22.27	25	13.24	26	13.71	45	
Fort Sill, OK	0	0.00	2	0.60	1	0.28	1	0.30	0	0.00	1	0.32	1	0.33	1	0.36	1	0.37	0	
Fort Stewart, GA	223	56.77	80	19.75	57	13.73	303	71.13	106	24.67	296	68.38	222	50.63	167	39.13	138	33.05	180	
Redstone Arsenal, AL	0	0.00	0	0.00	0	0.00	1	2.72	1	2.48	0	0.00	1	4.73	0	0.00	1	5.79	0	
STERN																				
Fort Bliss, TX	100	21.18	123	24.63	96	18.74	123	22.82	482	87.47	389	69.00	495	81.67	368	57.51	395	61.74	319	
Fort Carson, CO	5	0.89	13	2.17	7	1.15	7	1.12	4	0.63	2	0.31	79	11.90	67	10.16	50	7.76	248	
Fort Huachuca, AZ	0	0.00	0	0.00	4	3.00	2	1.51	9	6.89	3	2.30	10	8.22	1	0.88	0	0.00	0	
Fort Irwin, CA	1	0.94	2	1.84	0	0.00	2	1.83	3	2.74	0	0.00	1	0.92	1	0.95	0	0.00	0	
Fort Leavenworth, KS	2	2.54	1	1.27	0	0.00	0	0.00	3	3.77	3	3.89	1	1.23	1	1.24	0	0.00	0	
Fort Leonard Wood, MO	12	4.34	1	0.37	1	0.38	0	0.00	0	0.00	0	0.00	7	2.70	5	2.09	2	0.83	7	
Fort Lewis, WA	165	23.15	209	28.73	613	82.55	869	121.65	841	124.36	788	115.47	1,244	177.93	819	116.88	662	94.96	668	
Fort Richardson, AK	2	0.99	0	0.00	0	0.00	0	0.00	2	1.18	1	0.57	22	12.30	63	35.42	6	3.41	3	
Fort Riley, KS	2	0.45	0	0.00	0	0.00	0	0.00	6	1.29	30	6.33	0	0.00	0	0.00	0	0.00	1	
Fort Wainwright, AK	3	2.83	1	0.96	2	1.93	1	0.74	0	0.00	5	3.10	5	3.05	2	1.24	4	2.55	0	
CIFIC																				
Camp Carroll	2	10.86	1	5.56	0	0.00	0	0.00	0	0.00	2	11.41	3	17.70	0	0.00	4	25.35	0	т
Camp Casey	1	0.68	0	0.00	2	1.47	1	0.75	1	0.76	1	0.77	0	0.00	1	0.79	2	1.65	0	
Camp Humphreys	0	0.00	0	0.00	0	0.00	1	1.63	0	0.00	1	1.33	0	0.00	1	1.32	45	63.20	54	
Camp Long	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Camp Stanley/Red Cloud	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	43.90	0	
Japan	1	5.58	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	23	128.63	15	
hofield Barracks-Wheeler AAF	5	1.28	72	18.37	10	2.42	6	1.40	48	11.09	13	2.95	6	1.38	0	0.00	3	0.73	2	
USA Hawaii	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.73	0	+
Yongsan Garrison	1	1.16	10	10.62	9	10.20	8	7.07	4	3.09	6	4.74	9	7.06	2	2.46	16	18.58	9	\vdash
OPEAN	1	1.10	10	10.02	9	10.20	8	7.07	4	5.09	ь	4.74	9	7.06	2	2.40	10	10.38	9	
		7.03		40.00	0	0.00	0	0.00	1	2.94	0	0.00	0	0.00	0	0.00		200	0	-
Ansbach	3		8	18.00		0.00	0	0.00									0	0.00		-
Baden-Wuerttemberg	1	0.88	0	0.00	5	5.10	0	0.00	1	0.78	0	0.00	0	0.00	0	0.00	0	0.00	1	\vdash
Bamberg	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.14	1	1.06	3	3.36	0	-
BeNeLux	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	7.23	0	\vdash
Grafenwoehr	1	1.40	0	0.00	1	2.46	0	0.00	1	1.67	0	0.00	0	0.00	0	0.00	8	14.59	0	-
Kaiserslautern	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	30.09	0	0.00	0	0.00	0	-
Schweinfurt	3	3.07	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	7.31	0	-
Stuttgart	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Vicenza	7	11.60	10	16.26	0	0.00	100	161.93	83	128.00	38	62.85	23	36.44	7	10.95	1	1.58	37	
Wiesbaden	2	4.70	6	13.87	0	0.00	2	4.14	0	0.00	1	2.05	0	0.00	0	0.00	1	2.15	0	

Active Duty- U.S. Army NIHI Quarterly Surveillance Q1 2010 - Q2 2012

ny Noise-Induced HEARING LOS	Q1 2010		Q2 2010		Q3 2010		Q4 2010		Q1 2011		Q2 2011		Q3 2011		Q4 2011		Q1 2012		Q2 2012	
	Count	Rate ¹	Count	R																
ORTHERN	Count	Nate	Count																	
Aberdeen Proving Ground, MD	0	0.00	0	0.00	0	0.00	0	0.00	2	5.43	0	0.00	1	4.07	0	0.00	0	0.00	0	
Fort Belvoir, VA	1	2.01	1	1.82	1	1.59	1	1.64	1	1.60	0	0.00	1	1.37	0	0.00	2	2.46	0	
Fort Bragg, NC	89	7.32	57	4.58	76	6.04	105	8.32	116	9.45	112	9.04	81	6.64	45	3.69	81	6.68	64	_
Fort Detrick, MD	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	4.19	0	0.00	0	0.00	0	
Fort Dix, NJ	0	0.00	0	0.00	1	17.70	0	0.00	2	30.26	1	14.35	0	0.00	0	0.00	1	12.41	0	_
Fort Drum, NY	4	0.89	0	0.00	5	1.06	2	0.42	7	1.49	6	1.24	3	0.62	3	0.61	1	0.21	2	
Fort Eustis, VA	10	6.17	13	8.05	15	9.29	2	1.32	3	2.07	5	3.44	1	0.66	3	2.07	3	2.24	5	
Fort George G Meade, MD	1	1.34	0	0.00	2	2.56	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.30	3	
Fort Knox, KY	1	0.36	1	0.35	4	1.38	2	0.73	2	0.69	1	0.32	4	1.54	3	1.32	2	0.93	1	_
Fort Lee, VA	16	9.58	8	5.02	2	1.21	1	0.57	3	1.81	2	1.19	1	0.54	2	1.11	5	2.97	4	
Fort Myer, VA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Fort Monmouth, NJ	1	10.73	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Walter Reed AMC, DC	0	0.00	0	0.00	0	0.00	0	0.00	1	1.57	0	0.00	1	2.68	0	0.00	0	0.00	0	
West Point USMA, NY	0	0.00	2	5.65	0	0.00	0	0.00	1	3.17	0	0.00	0	0.00	2	5.11	0	0.00	0	
UTHERN				0.00					_						_					
Fort Benning, GA	17	3.37	10	1.85	9	1.65	1	0.19	3	0.58	9	1.60	12	2.05	3	0.52	2	0.35	10	
Fort Campbell, KY	88	11.48	104	13.18	19	2.36	5	0.61	3	0.37	2	0.24	1	0.12	5	0.52	7	0.85	2	
Fort Gordon, GA	1	0.43	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Fort Hood, TX	51	4.27	17	1.46	8	0.68	11	0.94	14	1.19	4	0.34	3	0.25	6	0.52	3	0.26	1	
Fort Jackson, SC	3	1.14	9	3.68	4	1.59	3	1.36	3	1.38	9	4.17	5	2.43	1	0.48	1	0.47	2	\top
Fort McPherson, GA	1	2.48	1	2.47	1	2.60	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Fort Polk, LA	6	2.76	21	9.09	15	6.42	16	6.94	19	8.43	37	16.46	53	23.53	66	29.46	77	35.62	47	
Fort Rucker, AL	2	2.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Fort Sam Houston, TX	1	0.50	2	0.97	0	0.00	0	0.00	0	0.00	0	0.00	2	0.97	1	0.50	0	0.00	1	
Fort Sill, OK	13	4.09	10	2.96	10	2.75	10	2.95	3	0.97	2	0.62	0	0.00	0	0.00	0	0.00	1	
Fort Stewart, GA	0	0.00	2	0.45	2	0.44	0	0.00	2	0.42	4	0.85	2	0.42	1	0.21	2	0.44	2	
Redstone Arsenal, AL	0	0.00	0	0.00	0	0.00	1	2.72	0	0.00	0	0.00	0	0.00	0	0.00	1	5.66	1	
ESTERN	· ·		·						•											
Fort Bliss, TX	14	2.84	6	1.15	7	1.31	2	0.35	5	0.86	6	0.99	7	1.07	6	0.86	3	0.43	5	
Fort Carson, CO	9	1.58	18	2.99	13	2.12	4	0.63	4	0.62	7	1.06	18	2.68	73	10.91	51	7.81	30	
Fort Huachuca, AZ	0	0.00	0	0.00	0	0.00	1	0.74	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	
Fort Irwin, CA	2	1.87	4	3.62	1	0.91	1	0.90	1	0.89	3	2.67	1	0.90	0	0.00	0	0.00	1	
Fort Leavenworth, KS	1	1.26	0	0.00	4	4.88	2	2.31	1	1.24	7	8.94	0	0.00	1	1.21	0	0.00	6	
Fort Leonard Wood, MO	17	6.25	4	1.50	5	1.93	5	1.84	21	7.43	39	13.70	47	18.16	37	15.45	9	3.72	8	
Fort Lewis, WA	0	0.00	2	0.25	1	0.12	1	0.12	2	0.26	4	0.51	1	0.12	1	0.12	3	0.36	2	
Fort Richardson, AK	6	2.96	7	3.61	0	0.00	1	0.59	1	0.59	2	1.14	0	0.00	0	0.00	2	1.11	1	
Fort Riley, KS	1	0.22	2	0.43	2	0.41	2	0.42	0	0.00	0	0.00	5	1.04	6	1.23	12	2.45	5	
Fort Wainwright, AK	1	0.94	5	4.75	1	0.96	2	1.47	5	3.20	1	0.61	3	1.81	3	1.83	3	1.89	8	Т
CIFIC																				
Camp Carroll	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Camp Casey	0	0.00	1	0.66	1	0.73	0	0.00	1	0.74	1	0.75	0	0.00	5	3.85	2	1.60	0	
Camp Humphreys	0	0.00	1	2.22	0	0.00	1	1.62	0	0.00	3	3.92	1	1.30	1	1.29	0	0.00	0	
Camp Long	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Camp Stanley/Red Cloud	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Japan	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
chofield Barracks-Wheeler AAF	4	1.02	6	1.52	1	0.24	3	0.69	10	2.28	8	1.79	1	0.23	2	0.47	5	1.20	12	
USA Hawaii	1	16.29	1	16.04	0	0.00	1	14.15	0	0.00	0	0.00	0	0.00	1	13.94	1	14.37	0	
Yongsan Garrison	0	0.00	5	5.26	0	0.00	3	2.60	1	0.76	6	4.64	3	2.29	1	1.20	2	2.25	1	
ROPEAN																				
Ansbach	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	3.11	0	0.00	0	0.00	0	0.00	0	
Baden-Wuerttemberg	1	0.88	0	0.00	0	0.00	3	2.46	1	0.77	0	0.00	0	0.00	0	0.00	0	0.00	4	
Bamberg	0	0.00	0	0.00	0	0.00	1	1.30	2	2.09	0	0.00	3	3.37	0	0.00	0	0.00	0	
BeNeLux	1	5.92	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	6.90	0	
Grafenwoehr	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.56	1	1.68	1	1.77	1	
Kaiserslautern	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Schweinfurt	0	0.00	0	0.00	1	2.19	1	1.33	0	0.00	1	1.01	0	0.00	0	0.00	0	0.00	0	
Stuttgart	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	19.76	0	0.00	0	0.00	0	0.00	0	
Vicenza	0	0.00	1	1.54	0	0.00	2	3.03	1	1.40	2	2.99	2	2.89	2	2.88	1	1.47	2	
Wiesbaden	2	4.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	

Active Duty- U.S. Army NIHI Quarterly Surveillance Q1 2010 - Q2 2012

y TINNITUS diagnoses, Q1 2010	Q1 2010		Q2 2010		Q3 2010		Q4 2010		Q1 2011		Q2 2011		Q3 2011		Q4 2011		Q1 2012		Q2 2012	
	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	
RTHERN																				
Aberdeen Proving Ground, MD	4	13.69	2	8.04	4	10.04	9	30.14	6	16.83	2	5.73	0	0.00	5	23.84	4	19.56	1	Π
Fort Belvoir, VA	13	26.86	13	24.44	13	21.41	13	22.13	11	18.31	4	6.69	8	11.41	11	13.90	10	12.85	8	
Fort Bragg, NC	102	8.48	104	8.44	91	7.31	158	12.63	172	14.15	173	14.11	142	11.78	135	11.22	193	16.14	171	
Fort Detrick, MD	3	15.99	3	15.89	0	0.00	3	15.23	4	19.96	3	14.30	5	21.98	3	11.41	1	4.45	3	
Fort Dix, NJ	0	0.00	0	0.00	0	0.00	0	0.00	1	16.04	3	45.37	0	0.00	0	0.00	2	25.67	2	
Fort Drum, NY	133	30.22	80	17.97	29	6.27	30	6.40	30	6.51	26	5.47	34	7.14	49	10.22	91	19.61	76	
Fort Eustis, VA	21	13.17	18	11.32	20	12.59	19	12.75	19	13.37	11	7.71	14	9.45	9	6.37	19	14.55	19	L
Fort George G Meade, MD	18	24.71	7	9.43	5	6.59	14	17.74	13	17.41	16	21.90	12	16.43	10	13.43	17	22.80	10	L
Fort Knox, KY	32	11.82	38	13.78	48	16.98	83	31.17	74	26.47	45	14.96	57	22.74	54	24.72	145	71.05	96	L
Fort Lee, VA	21	12.67	15	9.50	20	12.21	20	11.56	16	9.77	18	10.84	24	13.18	17	9.56	24	14.51	25	L
Fort Myer, VA	2	4.88	5	12.22	0	0.00	3	6.55	4	8.70	1	2.18	4	8.53	0	0.00	4	8.53	5	4
Fort Monmouth, NJ	1	10.88	0	0.00	0	0.00	1	12.23	1	12.06	0	0.00	0	0.00	0	0.00	0	0.00	0	Ļ
Walter Reed AMC, DC	5	7.75	11	17.17	3	4.75	7	11.13	3	4.90	5	8.00	4	11.16	0	0.00	0	0.00	0	Ļ
West Point USMA, NY	5	15.69	5	14.44	3	9.25	5	15.83	6	19.53	7	21.69	1	2.57	3	7.88	0	0.00	6	L
JTHERN															,					Ш
Fort Benning, GA	81	16.48	64	12.13	45	8.43	48	9.35	65	12.86	66	12.01	76	13.32	38	6.75	69	12.22	63	+
Fort Campbell, KY	102	13.46	90	11.52	76	9.55	109	13.41	197	24.34	232	28.06	205	24.62	193	23.34	227	28.31	296	+
Fort Gordon, GA	8	3.49	11	4.74	12	5.28	14	6.42	15	7.48	15	7.37	19	9.03	16	8.18	22	11.80	11	H
Fort Hood, TX	242	20.50	148	12.88	89	7.69	89	7.70	140	12.15	89	7.67	113	9.74	122	10.69	143	12.76	156	+
Fort Machinera CA	27	10.30	19	7.83	21	8.39	11	5.01	11	5.12	18	8.41	15	7.36	8	3.85	14	6.66	9	+
Fort McPherson, GA	8	20.29	11	27.86	7	18.71	6 49	17.90 21.91	11	37.65	9 89	41.71	0	0.00	0 96	0.00	112	0.00	0 74	H
Fort Polk, LA	54 33	25.61 34.60	40	17.86 37.65	55	24.25 17.12		19.66	69 38	31.62 43.02	89 31	41.11 34.74	90 16	41.56 17.23	96	44.57 13.17	112 20	53.77 22.39	11	÷
Fort Rucker, AL			35		16	17.12	18										34			+
Fort Sam Houston, TX Fort Sill, OK	36 44	18.58 14.10	28 60	13.95 18.11	25 34	9.50	33 48	16.78 14.43	36 27	18.38 8.89	41 42	21.00 13.37	49 45	24.72 14.77	42 28	22.19 10.13	38	17.94 14.14	37 25	+
Fort Stewart, GA	69	16.57	42	9.73	31	7.02	35	7.70	93	20.31	72	15.70	98	20.99	77	16.96	96	21.72	65	+
Redstone Arsenal, AL	4	13.63	1	3.52	7	23.54	7	19.52	6	15.16	6	19.99	3	14.80	5	28.42	7	41.85	3	+
STERN	4	15.05	1	5.32	/	23.34	,	19.52	0	13.10	U	19.99	3	14.60	3	20.42	/	41.03		
Fort Bliss, TX	134	27.79	146	28.73	120	23.05	114	20.82	144	25.58	163	27.92	182	28.85	110	16.33	121	17.82	118	۳
Fort Carson, CO	98	17.76	89	15.21	78	13.13	95	15.55	93	14.91	92	14.42	134	20.65	110	19.19	86	13.62	100	
Fort Huachuca, AZ	12	9.94	8	6.17	8	6.05	7	5.30	10	7.69	15	11.57	6	4.95	15	13.23	19	17.23	110	+
Fort Irwin, CA	16	15.25	12	11.11	17	15.81	13	11.92	14	12.79	27	24.62	24	22.20	27	25.72	22	21.65	20	+
Fort Leavenworth, KS	15	19.38	14	18.11	15	18.76	7	8.30	17	21.63	17	22.31	11	13.57	15	18.70	12	15.03	18	t
Fort Leonard Wood, MO	25	9.08	19	7.08	15	5.75	16	5.89	20	7.08	24	8.44	20	7.74	18	7.52	35	14.54	27	t
Fort Lewis, WA	82	10.77	80	10.30	75	9.44	87	11.18	140	18.72	153	20.15	118	14.96	139	17.19	160	19.86	170	t
Fort Richardson, AK	57	28.83	32	16.99	21	12.06	31	18.97	37	22.50	52	30.74	39	22.40	57	32.74	20	11.55	19	t
Fort Riley, KS	26	5.87	12	2.58	31	6.46	23	4.88	15	3.26	17	3.61	28	5.88	19	3.93	34	7.02	28	t
Fort Wainwright, AK	16	15.32	15	14.60	9	8.84	22	16.48	27	17.71	24	15.14	21	13.02	23	14.45	18	11.67	59	t
CIFIC				,			<u></u> ,													
Camp Carroll	0	0.00	1	5.57	2	12.71	0	0.00	0	0.00	1	5.72	1	5.89	3	17.67	0	0.00	0	T
Camp Casey	3	2.03	3	2.01	2	1.47	1	0.75	3	2.26	3	2.28	2	1.47	5	3.89	6	4.87	1	Τ
Camp Humphreys	1	2.48	0	0.00	0	0.00	2	3.25	1	1.31	5	6.59	2	2.63	3	3.91	5	6.88	2	Τ
Camp Long	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	
Camp Stanley/Red Cloud	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	37.24	0	0.00	0	0.00	1	
Japan	4	22.73	3	16.15	2	12.41	3	16.62	2	10.66	0	0.00	1	5.46	0	0.00	2	11.13	1	
hofield Barracks-Wheeler AAF	54	14.24	54	14.12	44	10.89	46	10.90	58	13.59	59	13.56	68	15.84	56	13.54	65	16.03	130	
USA Hawaii	2	34.14	1	16.83	0	0.00	3	44.70	0	0.00	2	30.48	3	44.88	2	29.71	4	61.60	1	
Yongsan Garrison	6	7.02	2	2.13	5	5.64	5	4.38	8	6.14	8	6.26	6	4.65	5	6.07	7	8.03	5	ſ
ROPEAN																				
Ansbach	0	0.00	0	0.00	1	2.82	0	0.00	2	5.87	1	3.14	2	6.29	1	3.05	5	13.88	5	Ţ
Baden-Wuerttemberg	16	14.24	4	3.50	11	11.34	16	13.38	14	10.97	9	7.30	11	10.12	3	3.10	7	7.40	9	1
Bamberg	9	17.60	5	9.17	5	12.42	11	14.64	20	21.40	21	24.14	24	27.83	21	22.60	21	23.91	20	\perp
BeNeLux	5	29.94	4	24.08	3	27.16	1	6.37	4	22.31	2	13.63	2	13.99	0	0.00	5	36.25	2	L
Grafenwoehr	10	14.14	8	11.94	1	2.47	9	16.43	11	18.61	7	11.32	9	14.41	5	8.59	5	9.09	12	1
Kaiserslautern	1	28.34	1	30.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1
Schweinfurt	7	7.28	16	18.18	3	6.67	17	22.95	11	11.76	13	13.42	11	12.54	3	3.57	7	8.56	16	1
Stuttgart	0	0.00	0	0.00	0	0.00	0	0.00	1	25.84	1	20.24	0	0.00	1	19.72	2	40.41	0	L
Vicenza	6	9.52	7	10.89	2	3.14	6	9.24	14	19.96	12	18.34	16	23.71	28	41.50	22	33.47	7	L
Wiesbaden	10	23.93	5	11.69	4	11.63	6	12.45	8	14.53	9	18.50	3	6.77	4	9.99	8	17.29	5	

US Army Noise-Induced Hearing Injuries, Q1 2010 - Q2 2012

	Q1 2	010	Q2 2	2010	Q3 2	010	Q42	010	Q12	011	Q2 2	011	Q3 2	011	Q4 2	011	Q1 2	012	Q2 2	2012
	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹
Occupation (Army)																				
Infantry, Gun Crew, and Seaman	1,173	46.24	1,119	42.77	1,151	43.23	1,459	54.87	1,592	61.16	1,497	56.97	1,446	54.80	1,378	53.35	1,518	60.25	1,547	62.12
Electronic Equipment Repairers	142	22.28	229	24.85	136	20.52	181	27.41	207	32.16	173	26.51	199	30.73	173	27.39	183	29.98	178	29.99
Communications and Intelligence Specialists	424	36.95	338	31.65	329	27.39	415	34.52	495	41.60	454	37.53	519	42.65	414	34.02	405	33.25	474	39.05
Health Care Specialists	216	26.27	281	26.82	163	19.41	184	21.83	212	25.77	250	30.15	294	35.47	241	29.03	257	31.06	262	31.51
Other Technical and Allied Specialists	124	32.34	118	28.14	107	26.85	115	28.72	153	38.99	162	41.24	149	37.60	120	30.46	136	35.41	128	34.07
Functional Support and Admin	356	23.96	373	25.28	318	21.08	357	23.79	443	30.48	443	30.46	451	31.26	379	26.80	395	28.58	401	29.20
Electrical/Mechanical Equip. Repairers	424	31.63	347	31.19	369	26.70	388	27.95	450	33.07	462	33.50	495	35.58	449	32.65	465	34.69	555	42.08
Craftswork & Construction	123	43.85	94	36.00	91	31.17	88	30.38	110	38.70	147	50.99	157	54.75	99	35.02	104	37.90	115	42.64
Service, Transport & Supply	477	31.59	452	32.79	480	31.37	450	29.67	560	37.94	607	41.25	596	41.10	480	34.18	500	37.08	604	46.39
Students & Trainees	50	57.30	29	36.03	24	29.01	22	27.44	23	27.98	13	17.72	8	12.21	12	18.98	24	35.08	15	26.43
General/Flag. Off. & Executives	1	20.78	6	124.04	6	121.02	4	83.71	8	174.10	2	43.55	3	63.09	5	106.53	3	64.54	4	84.58
Tactical Operations Officers	181	27.76	233	34.72	201	29.13	204	29.67	197	30.31	221	32.06	221	31.35	190	27.28	201	29.34	191	27.40
Intelligence Officers	34	24.09	43	29.53	36	23.99	41	27.18	54	38.85	49	32.32	59	38.13	29	18.92	29	19.04	49	32.00
Engineering & Maintenance Officers	79	26.08	87	26.78	96	31.19	127	40.14	96	32.09	100	31.05	103	31.42	93	28.85	88	27.43	87	26.77
Scientists & Professionals	40	29.12	41	31.61	43	30.04	37	26.10	35	29.99	53	37.93	43	30.73	41	29.21	39	27.65	45	31.91
Health Care Officers	90	26.54	102	29.47	89	24.92	71	19.93	79	22.71	101	28.48	108	29.66	86	23.80	77	21.56	106	29.51
Administrators	45	29.49	56	35.75	40	25.35	53	33.21	49	33.73	41	25.08	62	37.45	49	29.85	48	29.39	61	37.49
Supply & Logistics Officers	54	26.35	90	42.92	76	35.46	80	36.89	69	33.86	71	32.99	89	40.46	61	28.00	67	31.19	73	33.95
Students, Trainees & Other Officers	15	28.87	14	27.00	15	25.48	14	26.18	35	25.67	14	26.80	13	26.10	5	9.16	7	14.59	10	20.97
By Diagnosis																				
DoD - SNHL	2,371	7.36	2,574	7.88	2,429	7.35	2,449	7.43	2,568	7.97	2,703	8.32	2,350	7.18	2,429	7.50	2,692	8.46	2,897	9.17
DoD - STS	1,948	6.04	2,055	6.29	2,025	6.13	2,605	7.91	3,026	9.39	3,147	9.68	3,594	10.99	2,825	8.72	3,175	9.98	3,327	10.53
DoD - NIHL	332	1.03	314	0.96	249	0.75	219	0.66	233	0.72	265	0.82	267	0.82	290	0.90	313	0.98	276	0.87
DoD - TINN	2,393	7.42	2,180	6.68	1,845	5.59	1,972	5.99	2,438	7.57	2,486	7.65	2,332	7.13	2,419	7.47	2,956	9.29	2,897	9.17
Army - SNHL	1,265	10.35	1,324	10.66	1,262	9.98	1,244	9.85	1,255	10.16	1,309	10.50	1,089	8.71	1,132	9.20	1,258	10.43	1,366	11.45
Army - STS	1,677	13.73	1,772	14.27	1,709	13.52	2,251	17.83	2,586	20.94	2,445	19.60	2,808	22.47	2,063	16.76	2,001	16.59	2,353	19.72
Army - NIHL	203	1.66	190	1.53	128	1.01	114	0.90	128	1.04	163	1.31	167	1.34	187	1.52	181	1.50	137	1.15
Army - TINN	903	7.39	766	6.17	671	5.31	681	5.39	898	7.27	943	7.56	951	7.61	922	7.49	1,106	9.17	1,049	8.79
Sex (Army)																				
Male	3,711	35.42	3,723	34.93	3,474	32.02	3,981	36.78	4,466	42.20	4,442	41.58	4,563	42.65	3,949	37.49	4,180	40.50	4,483	43.90
Female	337	19.37	329	18.67	296	16.48	309	17.12	401	22.67	418	23.37	452	25.15	355	19.98	366	21.05	422	24.56
Age (Army)			,		,															
<20			4.00	4-0-	127	13.24	123	13.05	175	19.36	209	23.44	219	23.71	151	17.34	157	18.93	154	19.56
20-24	121	13.98	148	17.27	12,		_											27.24	1 5 4 4	39.98
25-29	121 1,182	13.98 29.33	148 1,123	17.27 27.42	1,081	26.24	1,320	32.13	1,562	38.80	1,408	34.40	1,461	36.07	1,329	33.50	1,451	37.34	1,544	55.50
								32.13 33.85	1,562 1,151	38.80 37.38	1,408 1,148	34.40 36.92	1,461 1,121	36.07 35.90	1,329 1,036	33.50 33.55	1,451	37.34 35.59	1,181	
30-34	1,182	29.33	1,123	27.42	1,081	26.24	1,320													39.55
30-34 35-39	1,182 927	29.33 30.53	1,123 921	27.42 29.71	1,081 902	26.24 28.75	1,320 1,063	33.85	1,151	37.38	1,148	36.92	1,121	35.90	1,036	33.55	1,078	35.59	1,181	39.55 36.47
	1,182 927 508	29.33 30.53 28.35	1,123 921 557	27.42 29.71 30.34	1,081 902 522	26.24 28.75 28.01	1,320 1,063 537	33.85 28.68	1,151 671	37.38 36.37	1,148 671	36.92 35.87	1,121 737	35.90 39.04	1,036 565	33.55 29.84	1,078 609	35.59 32.49	1,181 682	39.55 36.47 39.29
35-39 >=40	1,182 927 508 547	29.33 30.53 28.35 39.07	1,123 921 557 539	27.42 29.71 30.34 38.09	1,081 902 522 470	26.24 28.75 28.01 33.18	1,320 1,063 537 508	33.85 28.68 36.17	1,151 671 525	37.38 36.37 38.53	1,148 671 541	36.92 35.87 39.77	1,121 737 645	35.90 39.04 47.80	1,036 565 509	33.55 29.84 38.24	1,078 609 493	35.59 32.49 37.97	1,181 682 502	39.55 36.47 39.29
35-39	1,182 927 508 547	29.33 30.53 28.35 39.07	1,123 921 557 539	27.42 29.71 30.34 38.09	1,081 902 522 470	26.24 28.75 28.01 33.18	1,320 1,063 537 508	33.85 28.68 36.17	1,151 671 525	37.38 36.37 38.53	1,148 671 541	36.92 35.87 39.77	1,121 737 645	35.90 39.04 47.80	1,036 565 509	33.55 29.84 38.24	1,078 609 493	35.59 32.49 37.97	1,181 682 502	39.55 36.47 39.29
35-39 >=40 Deployment Association ² (Army)	1,182 927 508 547	29.33 30.53 28.35 39.07	1,123 921 557 539	27.42 29.71 30.34 38.09	1,081 902 522 470	26.24 28.75 28.01 33.18	1,320 1,063 537 508	33.85 28.68 36.17	1,151 671 525	37.38 36.37 38.53	1,148 671 541	36.92 35.87 39.77	1,121 737 645	35.90 39.04 47.80	1,036 565 509	33.55 29.84 38.24	1,078 609 493	35.59 32.49 37.97	1,181 682 502	39.55 36.47 39.29
35-39 >=40 Deployment Association ² (Army) COUNTS ONLY	1,182 927 508 547 763	29.33 30.53 28.35 39.07 69.66	1,123 921 557 539 764	27.42 29.71 30.34 38.09 68.36	1,081 902 522 470 668	26.24 28.75 28.01 33.18 58.17	1,320 1,063 537 508 739	33.85 28.68 36.17 63.71	1,151 671 525 783	37.38 36.37 38.53 68.97	1,148 671 541 883	36.92 35.87 39.77 77.06	1,121 737 645 832	35.90 39.04 47.80 71.59	1,036 565 509 714	33.55 29.84 38.24 61.58	1,078 609 493 758	35.59 32.49 37.97 66.29	1,181 682 502 842	39.55 36.47 39.29 73.32
35-39 >=40 Deployment Association ² (Army) COUNTS ONLY OIF-associated	1,182 927 508 547 763	29.33 30.53 28.35 39.07 69.66	1,123 921 557 539 764	27.42 29.71 30.34 38.09 68.36	1,081 902 522 470 668	26.24 28.75 28.01 33.18 58.17	1,320 1,063 537 508 739	33.85 28.68 36.17 63.71 N/A	1,151 671 525 783	37.38 36.37 38.53 68.97	1,148 671 541 883	36.92 35.87 39.77 77.06	1,121 737 645 832	35.90 39.04 47.80 71.59 N/A	1,036 565 509 714	33.55 29.84 38.24 61.58	1,078 609 493 758	35.59 32.49 37.97 66.29 N/A	1,181 682 502 842	39.55 36.47 39.29 73.32 N/A

^{1.} Rate is provided per 1,000 person-years.

^{2.} The diagnosis occurred during or within 180 days of a deployment.

Army Regional Totals Counts & Rates, Q1 2010 - Q2 2012

US Army SENSORINE	IDAL HEADI	NC LOCC	diagnasa	01 201	0 02 20	12														
•		2010	Q2 2	,	Q3 2		Q4 2	010	Q12	011	Q2 2	011	Q3 2	2011	Q4 2	011	Q12	012	02.2	2012
	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate
NORTHERN	270	10.73	227	8.89	246	9.39	317	12.17	312	12.18	297	11.38	268	10.55	300	12.13	445	18.49	406	16.97
SOUTHERN	743	17.94	697	16.59	575	13.47	455	10.82	619	14.96	635	15.11	619	14.72	568	13.84	685	17.01	648	16.15
WESTERN	568	18.66	615	19.64	566	17.90	667	20.74	588	18.22	704	21.37	580	17.24	630	18.53	622	18.42	666	19.89
PACIFIC	84	12.30	212	30.24	155	22.36	145	19.22	164	20.94	232	29.50	151	19.30	122	17.04	114	16.22	209	29.90
EUROPEAN	68	13.83	63	12.89	30	8.24	66	13.57	94	17.11	107	20.24	65	12.97	43	8.87	58	12.09	93	20.28
IIC A CICNIFICANI		D CLUET d		04 2040	02 204	•														
US Army SIGNIFICAN		D SHIFT 0 2010	nagnoses, Q2 2		- Q2 201. Q3 2		Q4 2	010	012	011	Q2 2	011	Q3 2	2011	Q4 2	011	012	2012	02.2	2012
	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹
NORTHERN	320	12.55	284	11.01	280	10.58	322	12.23	584	22.59	417	15.86	315	12.32	271	10.88	453	18.70	320	13.28
SOUTHERN	1,298	31.80	1,262	30.46	856	20.31	1,014	24.44	784	19.23	955	23.05	826	19.93	585	14.44	523	13.12	907	22.83
WESTERN	292	9.45	350	11.00	723	22.51	1,004	30.83	1,350	41.47	1,221	36.88	1,864	55.46	1,327	39.45	1,119	33.56	1,246	37.83
PACIFIC	10	1.39	83	11.28	21	2.89	16	2.03	53	6.49	23	2.81	18	2.21	4	0.54	94	12.87	80	11.01
EUROPEAN	17	3.39	24	4.82	6	1.62	102	20.62	86	15.44	39	7.27	25	4.91	8	1.62	20	4.09	38	8.13
IIS Army NOISE INIDI						_														
US Army NOISE-INDL					,															
OS ATTIIY NOISE-INDO	Q1:	2010	Q2 2	2010	Q3 2	010	Q4 2		Q1 2		Q2 2		Q3 2		Q4 2		Q12			2012
ŕ	Q1 : Count	2010 Rate ¹	Q2 2	2010 Rate ¹	Q3 2 Count	2010 Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹	Count	Rate ¹
NORTHERN	Q1 : Count 123	2010 Rate ¹ 4.74	Q2 2 Count 82	2010 Rate ¹ 3.11	Q3 2 Count 106	Rate ¹	Count 113	Rate ¹ 4.20	Count 138	Rate ¹ 5.21	Count 127	Rate ¹ 4.70	Count 94	Rate ¹ 3.57	Count 58	Rate ¹ 2.26	Count 96	Rate ¹	Count 79	Rate ¹
NORTHERN SOUTHERN	Count 123 183	2010 Rate ¹ 4.74 4.26	Q2 2 Count 82 176	2010 Rate ¹ 3.11 4.04	Q3 2 Count 106 68	Rate ¹ 3.92 1.53	Count 113 47	Rate ¹ 4.20 1.08	138 47	Rate ¹ 5.21 1.09	Count 127 67	Rate ¹ 4.70 1.53	Count 94 78	Rate ¹ 3.57 1.78	58 83	Rate ¹ 2.26 1.93	96 93	Rate ¹ 3.84 2.21	79 67	Rate ¹ 3.17 1.59
NORTHERN SOUTHERN WESTERN	Count 123 183 51	Rate ¹ 4.74 4.26 1.60	Q2 2 Count 82 176 48	Rate ¹ 3.11 4.04 1.46	Q3 2 Count 106 68 34	Rate ¹ 3.92 1.53 1.02	Count 113 47 21	Rate ¹ 4.20 1.08 0.62	138 47 40	Rate ¹ 5.21 1.09 1.18	Count 127 67 69	Rate ¹ 4.70 1.53 1.99	94 78 82	Rate ¹ 3.57 1.78 2.31	58 83 127	Rate ¹ 2.26 1.93 3.54	96 93 83	Rate ¹ 3.84 2.21 2.33	79 67 67	Rate ¹ 3.17 1.59 1.89
NORTHERN SOUTHERN WESTERN PACIFIC	Count 123 183 51 5	Rate ¹ 4.74 4.26 1.60 0.69	Q2 2 Count 82 176 48 14	Rate ¹ 3.11 4.04 1.46 1.89	Q3 2 Count 106 68 34 2	Rate ¹ 3.92 1.53 1.02 0.27	Count 113 47 21 8	4.20 1.08 0.62 1.00	138 47 40 12	5.21 1.09 1.18 1.45	Count 127 67 69 18	4.70 1.53 1.99 2.16	94 78 82 5	3.57 1.78 2.31 0.60	58 83 127 10	2.26 1.93 3.54 1.31	96 93 83 10	3.84 2.21 2.33 1.34	79 67 67 13	Rate ¹ 3.17 1.59 1.89 1.74
NORTHERN SOUTHERN WESTERN	Count 123 183 51	Rate ¹ 4.74 4.26 1.60	Q2 2 Count 82 176 48	Rate ¹ 3.11 4.04 1.46	Q3 2 Count 106 68 34	Rate ¹ 3.92 1.53 1.02	Count 113 47 21	Rate ¹ 4.20 1.08 0.62	138 47 40	Rate ¹ 5.21 1.09 1.18	Count 127 67 69	Rate ¹ 4.70 1.53 1.99	94 78 82	Rate ¹ 3.57 1.78 2.31	58 83 127	Rate ¹ 2.26 1.93 3.54	96 93 83	Rate ¹ 3.84 2.21 2.33	79 67 67	Rate ¹ 3.17 1.59 1.89
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN	Count 123 183 51 5 4	2010 Rate ¹ 4.74 4.26 1.60 0.69 0.79	Q2 2 Count 82 176 48 14	Rate ¹ 3.11 4.04 1.46 1.89	Q3 2 Count 106 68 34 2	Rate ¹ 3.92 1.53 1.02 0.27	Count 113 47 21 8	4.20 1.08 0.62 1.00	138 47 40 12	5.21 1.09 1.18 1.45	Count 127 67 69 18	4.70 1.53 1.99 2.16	94 78 82 5	3.57 1.78 2.31 0.60	58 83 127 10	2.26 1.93 3.54 1.31	96 93 83 10	3.84 2.21 2.33 1.34	79 67 67 13	Rate ¹ 3.17 1.59 1.89 1.74
NORTHERN SOUTHERN WESTERN PACIFIC	Count 123 183 51 5 4 agnoses, Q1	Rate ¹ 4.74 4.26 1.60 0.69 0.79	Q2 2 Count 82 176 48 14 1	Rate ¹ 3.11 4.04 1.46 1.89 0.20	Q3 2 Count 106 68 34 2 1	Rate ¹ 3.92 1.53 1.02 0.27 0.27	Count 113 47 21 8 7	Rate ¹ 4.20 1.08 0.62 1.00 1.39	138 47 40 12 4	S.21 1.09 1.18 1.45 0.70	Count 127 67 69 18 5	Rate ¹ 4.70 1.53 1.99 2.16 0.91	94 78 82 5 6	Rate ¹ 3.57 1.78 2.31 0.60 1.15	58 83 127 10 3	Rate ¹ 2.26 1.93 3.54 1.31 0.59	96 93 83 10 3	Rate ¹ 3.84 2.21 2.33 1.34 0.60	79 67 67 13 8	Rate ¹ 3.17 1.59 1.89 1.74 1.66
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN	Count 123 183 51 5 4 agnoses, Q1	Rate ¹ 4.74 4.26 1.60 0.69 0.79 2010 - Q	Q2 2 Count 82 176 48 14 1 2 2012	Rate ¹ 3.11 4.04 1.46 1.89 0.20	Q3 2 Count 106 68 34 2 1	Rate ¹ 3.92 1.53 1.02 0.27 0.27	Count 113 47 21 8 7	Rate ¹ 4.20 1.08 0.62 1.00 1.39	Count 138 47 40 12 4	Rate ¹ 5.21 1.09 1.18 1.45 0.70	Count 127 67 69 18 5	Rate ¹ 4.70 1.53 1.99 2.16 0.91	Count 94 78 82 5 6	Rate ¹ 3.57 1.78 2.31 0.60 1.15	58 83 127 10 3	Rate ¹ 2.26 1.93 3.54 1.31 0.59	96 93 83 10 3	Rate ¹ 3.84 2.21 2.33 1.34 0.60	79 67 67 13 8	Rate ¹ 3.17 1.59 1.89 1.74 1.66
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN US Army TINNITUS d	Q1 Count 123 183 51 5 4 agnoses, Q1 Q1: Count	2010 Rate ¹ 4.74 4.26 1.60 0.69 0.79 2010 - Q 2010 Rate ¹	Count 82 176 48 14 1 2 2012 Q2 2 Count	Rate ¹ 3.11 4.04 1.46 1.89 0.20	Q3 2 Count 106 68 34 2 1	Rate ¹ 3.92 1.53 1.02 0.27 0.27	Count 113 47 21 8 7	Rate ¹ 4.20 1.08 0.62 1.00 1.39	Count 138 47 40 12 4	Rate ¹ 5.21 1.09 1.18 1.45 0.70 011 Rate ¹	Count 127 67 69 18 5	Rate ¹ 4.70 1.53 1.99 2.16 0.91 011 Rate ¹	Count 94 78 82 5 6	Rate ¹ 3.57 1.78 2.31 0.60 1.15	Count 58 83 127 10 3 Count	Rate ¹ 2.26 1.93 3.54 1.31 0.59	96 93 83 10 3	Rate ¹ 3.84 2.21 2.33 1.34 0.60	Count 79 67 67 13 8	Rate ¹ 3.17 1.59 1.89 1.74 1.66
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN	Count 123 183 51 5 4 agnoses, Q1	Rate ¹ 4.74 4.26 1.60 0.69 0.79 2010 - Q	Q2 2 Count 82 176 48 14 1 2 2012	Rate ¹ 3.11 4.04 1.46 1.89 0.20	Q3 2 Count 106 68 34 2 1	Rate ¹ 3.92 1.53 1.02 0.27 0.27	Count 113 47 21 8 7	Rate ¹ 4.20 1.08 0.62 1.00 1.39	Count 138 47 40 12 4	Rate ¹ 5.21 1.09 1.18 1.45 0.70	Count 127 67 69 18 5	Rate ¹ 4.70 1.53 1.99 2.16 0.91	Count 94 78 82 5 6	Rate ¹ 3.57 1.78 2.31 0.60 1.15	58 83 127 10 3	Rate ¹ 2.26 1.93 3.54 1.31 0.59	96 93 83 10 3	Rate ¹ 3.84 2.21 2.33 1.34 0.60	79 67 67 13 8	Rate 1 3.17 1.59 1.89 1.74 1.66
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN US Army TINNITUS d	Q1 Count 123 183 51 5 4 agnoses, Q1 Q1 Count 360	2010 Rate ¹ 4.74 4.26 1.60 0.69 0.79 2010 - Q 2010 Rate ¹ 14.08	Count 82 176 48 14 1 2 2012 Q2 2 Count 301	Rate ¹ 3.11 4.04 1.46 1.89 0.20 Rate ¹ 11.62	Q3 2 Count 106 68 34 2 1 Q3 2 Count	Rate ¹ 3.92 1.53 1.02 0.27 0.27 Rate ¹ 8.87	Count 113 47 21 8 7 Q4 2 Count 365	Rate ¹ 4.20 1.08 0.62 1.00 1.39 010 Rate ¹ 13.78	Count 138 47 40 12 4 Count 360	Rate ¹ 5.21 1.09 1.18 1.45 0.70 011 Rate ¹ 13.82	Count 127 67 69 18 5 Q2 2 Count 314	Rate ¹ 4.70 1.53 1.99 2.16 0.91 011 Rate ¹ 11.83	Count 94 78 82 5 6 Q3 2 Count 305	Rate ¹ 3.57 1.78 2.31 0.60 1.15 2011 Rate ¹ 11.81	Count 58 83 127 10 3 Q42 Count 296	2.26 1.93 3.54 1.31 0.59	Count 96 93 83 10 3 Count 510	Rate ¹ 3.84 2.21 2.33 1.34 0.60	Count 79 67 67 13 8 Q22 Count 422	Rate ¹ 3.17 1.59 1.89 1.74 1.66
NORTHERN SOUTHERN WESTERN PACIFIC EUROPEAN US Army TINNITUS d NORTHERN SOUTHERN	Q1 Count 123 183 51 5 4 agnoses, Q1 Q1 Count 360 708	2010 Rate ¹ 4.74 4.26 1.60 0.69 0.79 2010 - Q 2010 Rate ¹ 14.08 16.78	Q2 2 Count 82 176 48 14 1 2 2012 Q2 2 Count 301 549	Rate ¹ 3.11 4.04 1.46 1.89 0.20 Rate ¹ 11.62 12.82	Q3 2 Count 106 68 34 2 1 Q3 2 Count 236 418	Rate ¹ 3.92 1.53 1.02 0.27 0.27 Rate ¹ 8.87 9.60	Count 113 47 21 8 7 Q4 2 Count 365 467	4.20 1.08 0.62 1.00 1.39	Count 138 47 40 12 4 Q12 Count 360 708	1.45 0.70 011 Rate ¹ 13.82 16.79	Count 127 67 69 18 5 Count 314 710	Rate ¹ 4.70 1.53 1.99 2.16 0.91 011 Rate ¹ 11.83 16.59	Count 94 78 82 5 6 Q3 2 Count 305 729	Rate ¹ 3.57 1.78 2.31 0.60 1.15 2011 Rate ¹ 11.81 17.03	Count 58 83 127 10 3 Q4 2 Count 296 637	2.26 1.93 3.54 1.31 0.59 2011 Rate ¹ 11.77 15.24	Count 96 93 83 10 3 2 Count 510 782	3.84 2.21 2.33 1.34 0.60 2012 Rate ¹ 20.83 19.08	Count 79 67 67 13 8 Q22 Count 422 750	Rate ¹ 3.17 1.59 1.89 1.74 1.66 2012 Rate ¹ 17.34 18.39